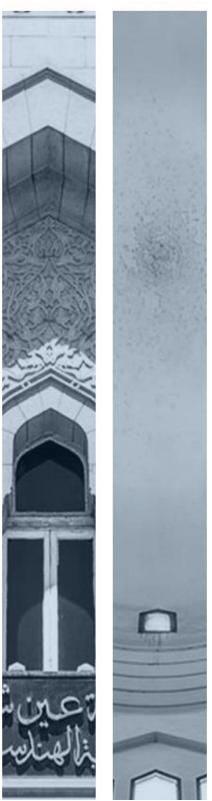




Advanced Computer Programming Project





Course Code: CSE231s

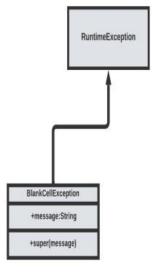
Course Name: Advanced Computer

Programming

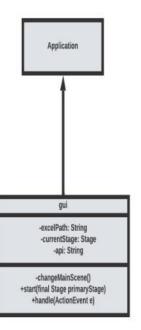
Course Committee:

Dr. Mahmoud Khalil

| Ezz Eldin Ayman Abdalla Tawfik ElGebali | 1901630 | CSE |
|--|---------|-----|
| Abdalla Ibrahim Abdalla | 1901685 | CSE |
| Abdelmagid Mohamed Abdelmagid | 1901691 | CSE |
| Bassel Khaled Sayed | 1901141 | CSE |







Operations

-+excelPath: String +arrOfRowObjects: ArrayList<RowData> -row: ArrayList<String> +parentsList: ArrayList<ParentList>

+getParentsList()
+getArrOfRowObjects()
+storeRowData(int rowNum)
+setArrList(ArrayList<RowData> hash)
+store()

RowData

-i_o: String -fieldName:String -type:String -allowedValues:String -mandatory:String

+RowData(String i_o,String fieldName,String type, String allowedValues, String mandatory)

+toString() +getI_o() +getType() +getAllowedValues() +getMandatory()

+getFieldName()

+splitFieldName()

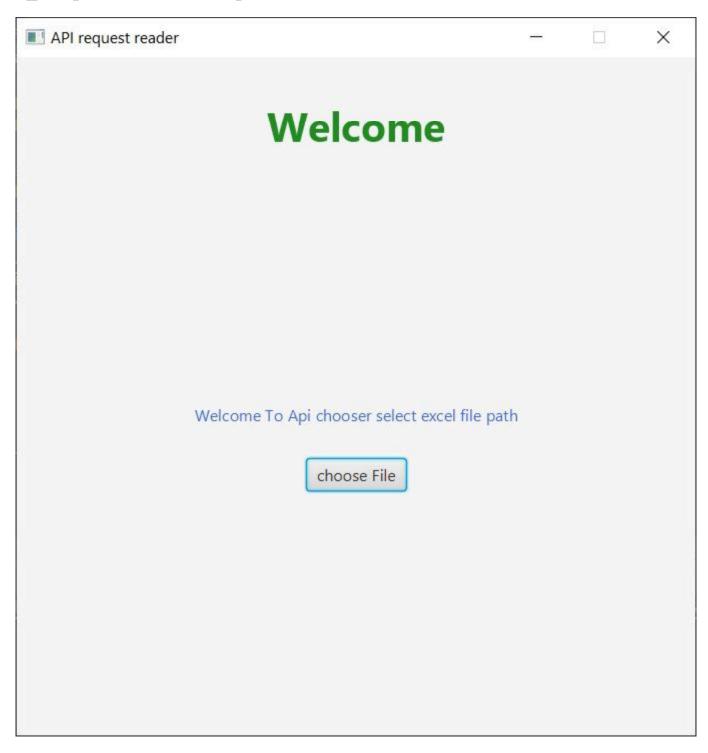
ExcelUtils

-workbook: XSSFWorkbook-sheet: XSSFSheet

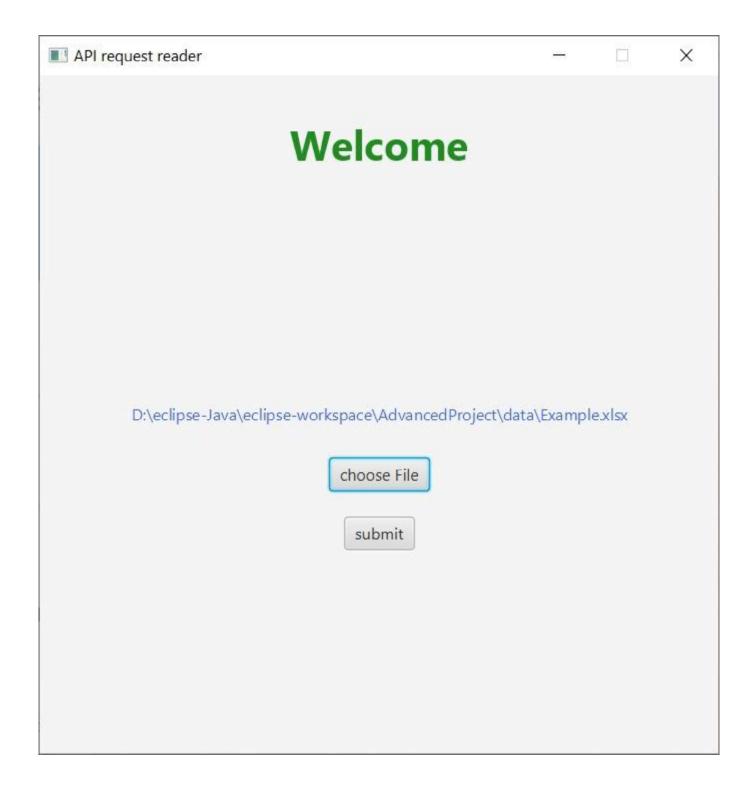
+ExcelUtils(String excelPath, int sheetnum)
+ExcelUtils(String excelPath)
+ExcelUtils(String excelPath)
+closeWorkbook()
+getCellData(int rowindex, int colIndex)
+getRowCount()
+printArrayList(ArrayList<String> list)
+getColData(int colIndex)
+getRowData(int rowindex)
+getTableIndexStartWithAP(String Api)
+getTableIndexStarts()
+numOTTables()



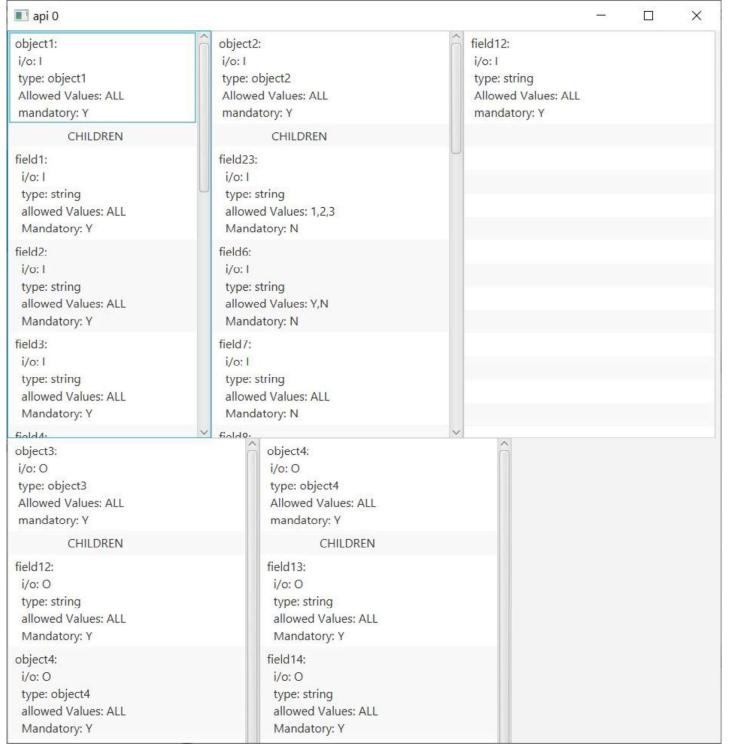
2_Outputs of different api:



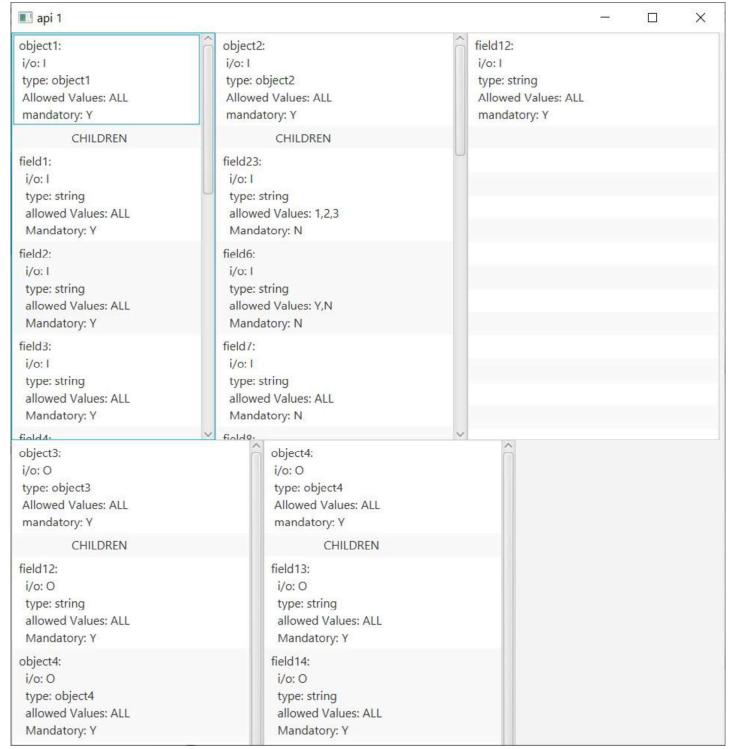
SPRING 2022

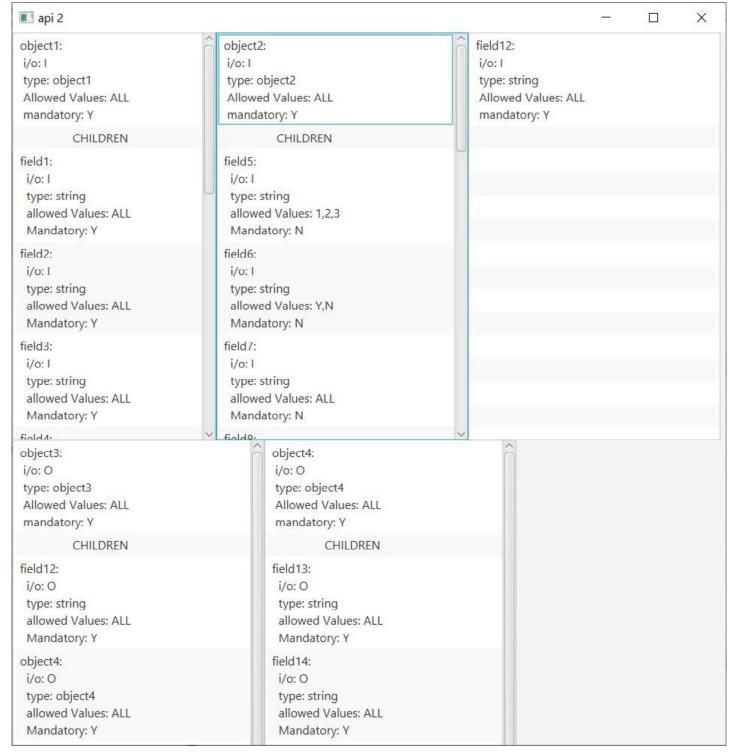






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